Figure 1: Prior Art - Typical Category List

——— Select all ———
Accounting/Auditing
Administrative and Support Services
Advertising/Marketing/Public Relations
Agriculture, Forestry, & Fishing

Architectural Services
Arts, Entertainment, and Media
Banking
Biotechnology and Pharmaceutical
Community, Social Services, and Nonprofit

Computers, Hardware
Computers, Software
Construction, Mining and Trades
Consulting Services
Customer Service and Call Center

Education, Training, and Library
Employment Placement Agencies
Engineering
Finance/Economics
Financial Services

Government and Policy
Healthcare, Other
Healthcare, Practitioner and Technician
Hospitality/Tourism
Human Resources

Information Technology
Installation, Maintenance, and Repair
Insurance
Internet/E-Commerce
Law Enforcement, and Security

Legal
Manufacturing and Production
Military
Other
Personal Care and Service

Real Estate
Restaurant and Food Service
Retail/Wholesale
Sales
Science

Sports and Recreation
Telecommunications
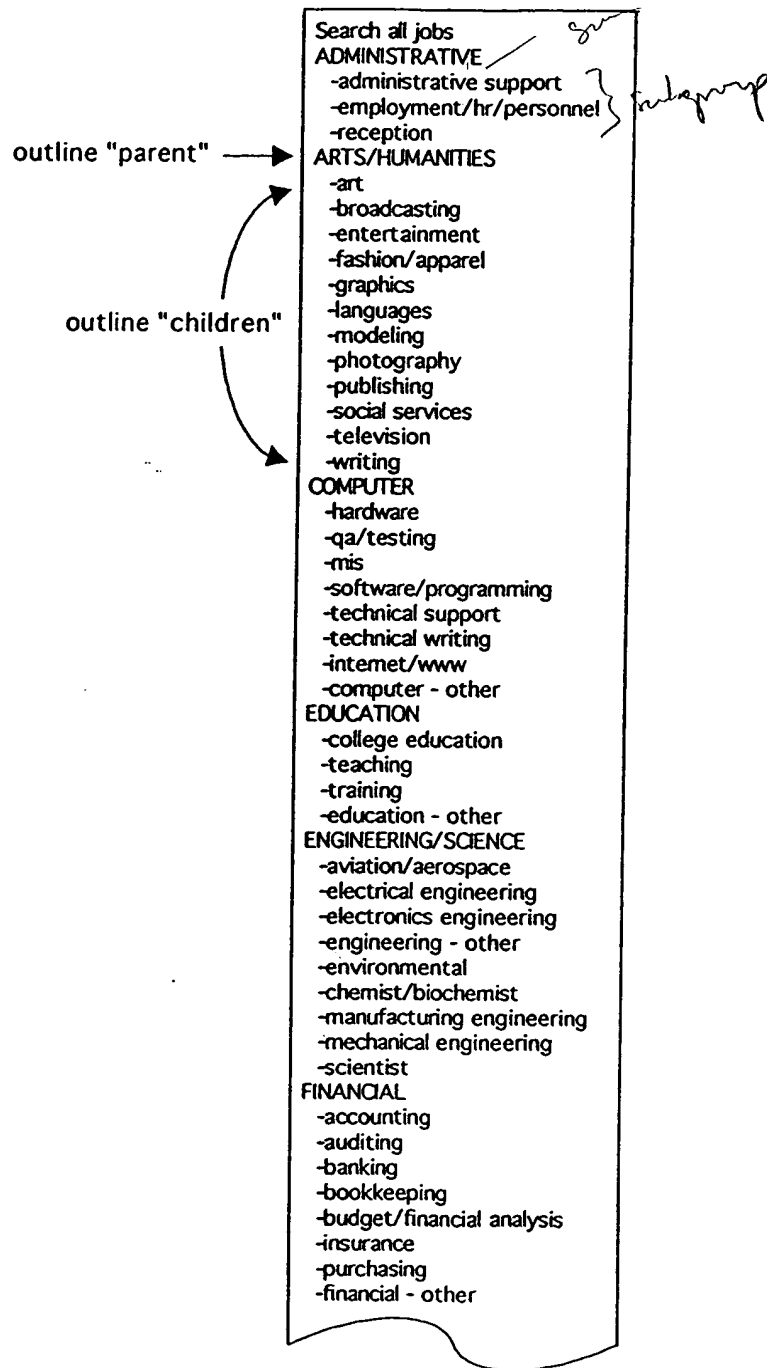Transportation and Warehousing

5 categories visible at a time

selections for a
software engineer
interested in high-
tech contract work

must scroll at least
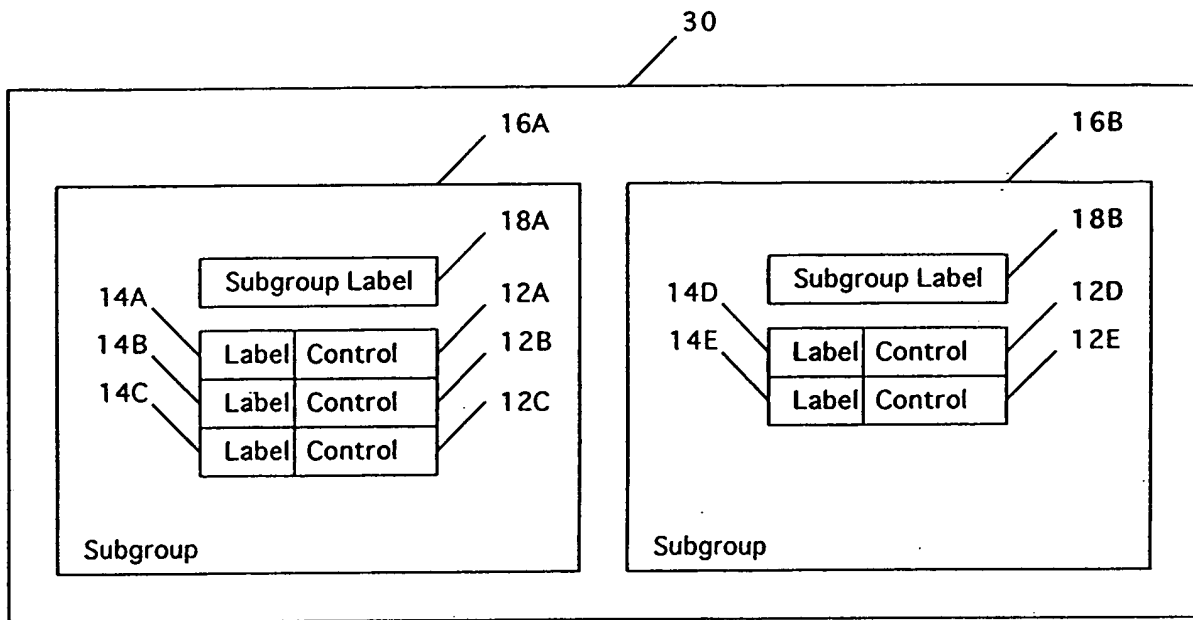8 times to view all
categories

Figure 2: Prior Art - Hierarchical Category List

outline "parent" ——▶

outline "children"

```
Search all jobs
ADMINISTRATIVE
   -administrative support
   -employment/hr/personnel
   -reception
ARTS/HUMANITIES
   -art
   -broadcasting
   -entertainment
   -fashion/apparel
   -graphics
   -languages
   -modeling
   -photography
   -publishing
   -social services
   -television
   -writing
COMPUTER
   -hardware
   -qa/testing
   -mis
   -software/programming
   -technical support
   -technical writing
   -internet/www
   -computer - other
EDUCATION
   -college education
   -teaching
   -training
   -education - other
ENGINEERING/SCIENCE
   -aviation/aerospace
   -electrical engineering
   -electronics engineering
   -engineering - other
   -environmental
   -chemist/biochemist
   -manufacturing engineering
   -mechanical engineering
   -scientist
FINANCIAL
   -accounting
   -auditing
   -banking
   -bookkeeping
   -budget/financial analysis
   -insurance
   -purchasing
   -financial - other
```

Figure 3: System 10

30

16A

18A

14A

Subgroup Label

12A

14B

| Label | Control |

12B

14C

| Label | Control |

12C

| Label | Control |

Subgroup

16B

18B

14D

Subgroup Label

12D

14E

| Label | Control |

12E

| Label | Control |

Subgroup

Figure 4a: Sample Category Selector

Technical	**White Collar**	**Blue Collar**	**Misc.**
☐ Computer, IT	☒ Administrative	☐ Cleaning & Grounds Maint.	☐ Educ. & Training
☐ Engr. & Archit.	☒ Clerical	☐ Construction & Extractive	☐ Food & Lodging
☐ Health	☐ Legal	☐ Farming, Fishing & Forestry	☐ Media & Arts
☐ Science	☐ Management	☐ Maint. & Repair	☐ Services
	☐ Sales	☐ Production & Manuf.	☐ Sports & Recreation
		☐ Transport & Material Moving	

Figure 4b: Sample Category Selector

Technical	Computer, IT
	Engr. & Archit.
	Health
	Science

White Collar	Administrative
	Clerical
	Legal
	Management
	Sales

Blue Collar	Cleaning & Grounds Maint.
	Construction & Extractive
	Farming, Fishing & Forestry
	Maint. & Repair
	Production & Manuf.
	Transport & Material Moving

Misc.	Educ. & Training
	Food & Lodging
	Media & Arts
	Services
	Sports & Recreation

Figure 5: Flow Chart


```
┌─────────────────┐        ┌──────────────┐   yes   ┌──────────────────┐
│ User activates a │───────▶│  is control   │───────▶│     Change        │
│    control       │        │  selected?    │        │ control state to  │
└─────────────────┘        └──────────────┘        │   unselected      │
                                  │                  └──────────────────┘
                                  │ no
                                  ▼
                           ┌──────────────────┐
                           │      Change        │
                           │ control state to   │
                           │     selected       │
                           └──────────────────┘
```

Figure 6: System 50


```
10A          54A                    52A

  Category      Web                 
  Selector   →  browser   →   IAD   
```

```
10B          54B                    52B

  Category      Web                 
  Selector   →  browser   →   IAD   
```

```
10C          54C                    52C

  Category      Web                 
  Selector   →  browser   →   IAD   
```

```
                        58                          62

                     HTTP                       Search
                     Web                        Engine
                     server

                                                 64
                                             Data
                                             Repository
```

Network 56   Server Computer 68
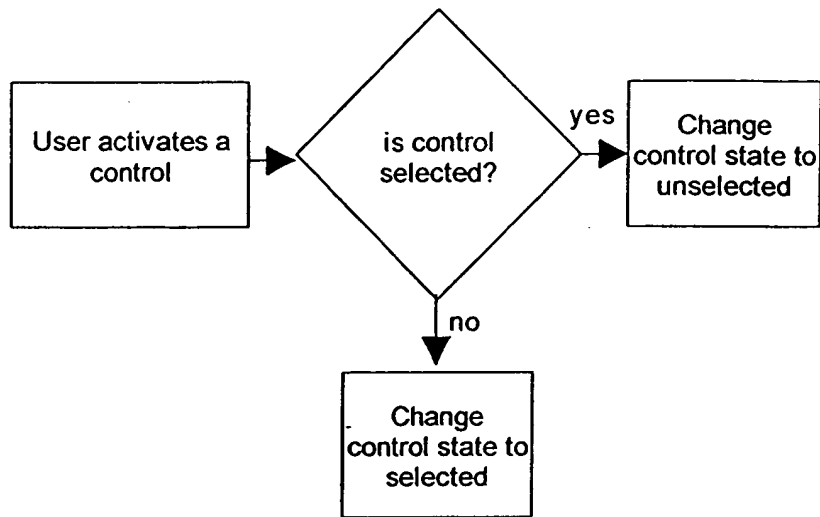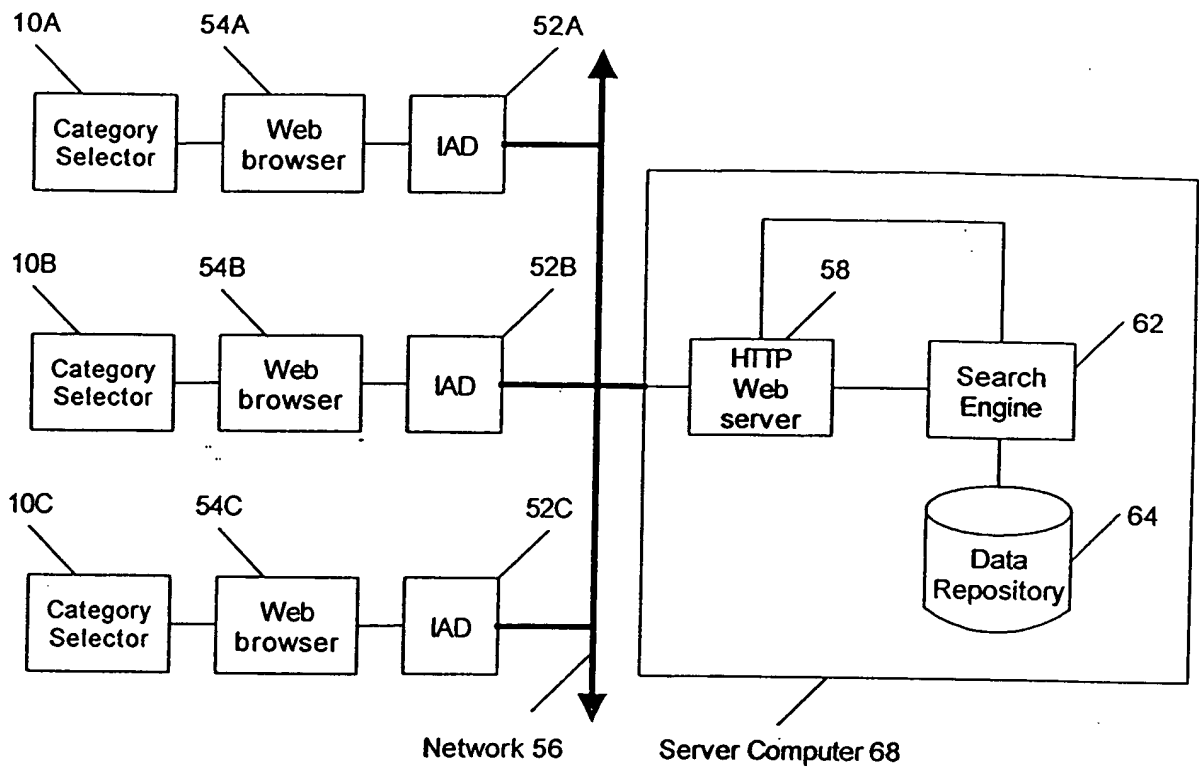
Figure 7: System 90

Electronic Device